

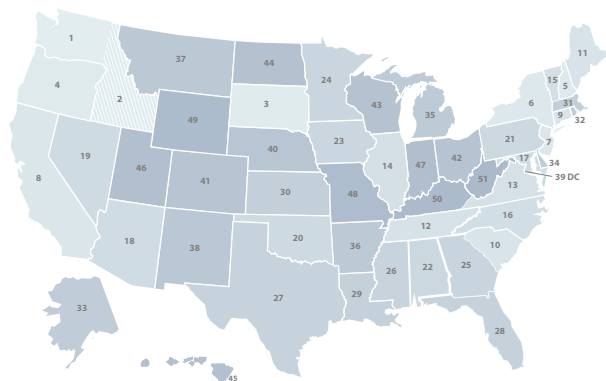
HOW DOES IDAHO STACK UP ON CLEAN ENERGY?



DATA AS OF 2021

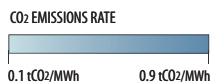


LOWEST CO₂ EMISSIONS RATE

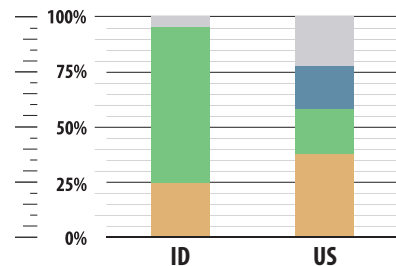


#2

0.12 tCO₂/MWh



ELECTRICITY SOURCES



coal / other nuclear renewables natural gas



CLEAN ENERGY JOBS

#47

14,273 (2021)



Growth/recovery since 2020 totaled 167 jobs (1.2%).



CLEAN ENERGY RANKINGS

#29

ENERGY EFFICIENCY SCORE = 15



#33

24% GENERATION FROM NATURAL GAS



#4

72% GENERATION FROM RENEWABLES



RENEWABLE ELECTRICITY CAPACITY

#44

2 MW (2021)

NEW BUILD



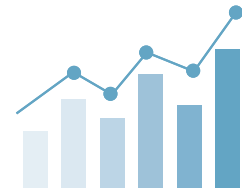
#24

4,178 MW

CUMULATIVE



ENERGY INNOVATION IN A 21ST CENTURY ECONOMY



WHAT ENERGY INNOVATION MEANS FOR IDAHO



\$14.4 MILLION Total Department of Energy funding in FY21

\$3.3 MILLION Office of Energy Efficiency and Renewable Energy Grants in FY21

\$7.1 MILLION Office of Science grants in FY21

\$1.6 MILLION Advanced Research Projects Agency-Energy grants since FY2009

9 AWARDS DOE Small Business Innovation Research (SBIR) since 2012

IMPACTS OF FEDERAL R&D IN ENERGY SECTOR (TOTAL, 2018)

#5 **6,550 JOBS SUPPORTED**

#8 **\$600 MILLION CONTRIBUTED TO GDP**

BUSINESS SPOTLIGHT

HIGHLAND WEST ENERGY (REXBURG, ID) | HighlandWestEnergy.com



Highland West Energy designs, builds, and operates combined heat and power projects, and is beginning to explore wind projects as well. The firm has provided installations or assessments to commercial developers, municipalities, hotels, and recreation centers in ID, UT, OR, and WY. The company frequently relies on the Department of Energy's Technical Assistance Program to provide data and information to help customers assess whether CHP will be a good fit for their needs.